City of St. Louis

DEPARTMENT OF THE PRESIDENT
BOARD OF PUBLIC SERVICE
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PRESIDENT

August 28, 2014

Mr. Gregory Wilhelm, P.E.
Project Manager-Local Roads Team
Missouri Department of Transportation
1590 Woodlake
Chesterfield, MO 63017-5712

I do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), this patented or proprietary item is essential for synchronization with existing highway facilities.

8/28/14
State Design Engineer

RE Public Interest Finding—**Revised Request**; Dr. Martin Luther King Pedestrian Lighting, Phase 2, Arlington to Kingshighway; Federal Project No. STP-5401(705)

Dear Gregg,

Regarding proprietary pay items in the above mentioned contract, we request approval of a finding in the public interest for the propriety item listed on the drawings, namely:

1. **Street Lighting Poles, Luminaries and Crossarm; Reference: Sheet E2.2 Lighting Details**

Both the Ameron base embedded light poles and the Spring City luminaries and crossarms in and the Streescrete pole with the King Luminaie crossarms and luminairies are suitable for this project as they are similar in appearance to the existing poles and luminaries used in a previous project constructed immediately to the west of this project (Dr. Martin Luther King Pedestrian Lighting, City Limits to Arlington, ARRA Project ARRA-ES06 (031)). A copy of lighting detail plan sheet is enclosed. The fixtures and poles were selected in the above mentioned project based on meetings with the local neighborhood association and the local business people. Both types of poles are already in the City inventory.

The City's Lighting Division has demonstrated that both these poles and lighting fixtures have proven to be durable and cost-effective; are available in the City's lighting equipment inventory due to their reliability and economical purchase price (ordered in bulk quantities); and ease of replacement, should they become damaged by motorists.

Past field performance has demonstrated that these products are reliable, easy to install and maintain, and work well with the other system components. It is essential for synchronization that the proposed lights and poles be approved, we will maintain the appearance of the existing corridor, the City Lighting Davison will not have to stock an additional lighting fixture and pole and no additional training of personnel will be required.

2. Crosswalk Pedestal; Reference Sheet 19, Civil Details 1 of 2

The Frey Traffic Crosswalk Pedestal is the new standard for the City of St. Louis Traffic Division. This product makes it easier to replace pedestrian push buttons if they are destroyed or damaged by a vehicle. The product eliminates the need to dig up the existing concrete speeding up the replacement of pedestrian push buttons. T he pedestals also eliminate the hazard of having a sharp end of the pedestal sticking up out of the ground after the pedestal is destroyed there by reducing the risks to pedestrians It is essential for synchronization that the above mentioned product be approved because it will make traffic signal instalion safer for pedestrians in the event that one of the push button stanchions is knocked down, it will reduce the inventory of replacement parts carried by the traffic division and eliminate the need to train our personnel in installing and maintaining another product.

Past field performance has demonstrated that the product is reliable and easy to install and maintain.

3. Signal Controller: Reference JSP Section 18, Traffic Signal Controllers (Solid State NEMA Actuated Units Only) Part XV

The Automatic Signal/Eagle Signal Controller is the standard traffic signal controller used by the City of St. Louis Traffic Division. This product is currently in the City inventory and the City's traffic personnel are familiar with the operation and repair of these units. The units are also capable of running the Monarc Software operating system as used by the City's Traffic Division.

Past field performance has demonstrated that these products are reliable, easy to install and maintain, and work well with the other system components. It is essential for synchronization that the above mentioned product be approved because the City already has hundreds of these controllers installed , by approving these controllers City Traffic Division will not have to carry another series of replacement parts or provide additional training for their personnel.

Approval of this request at your convenience would be appreciated so that these items may remain eligible for federal reimbursement.

Sincerely,

Roger B. Allison

Roger B. Allison, P.E.
Chief Engineer, Design Division

CF: Len Etfhim, Traffic and Lighting Division
Roy Bachmann
Project File.